

GHQ/SCAP Records (RG 331, National Archives and Records Service)

Description of contents

- (1) Box no. 2868
- (2) Folder title/number: (20) (end)  
Ebara Seisakusho - Toyama Plant

(3) Date: June 1946 - Feb. 1951

(4) Subject:

Classification	Type of record
9230, 9621	Z

(5) Item description and comment:

Toyama City, Toyama

(6) Reproduction:  Yes  No

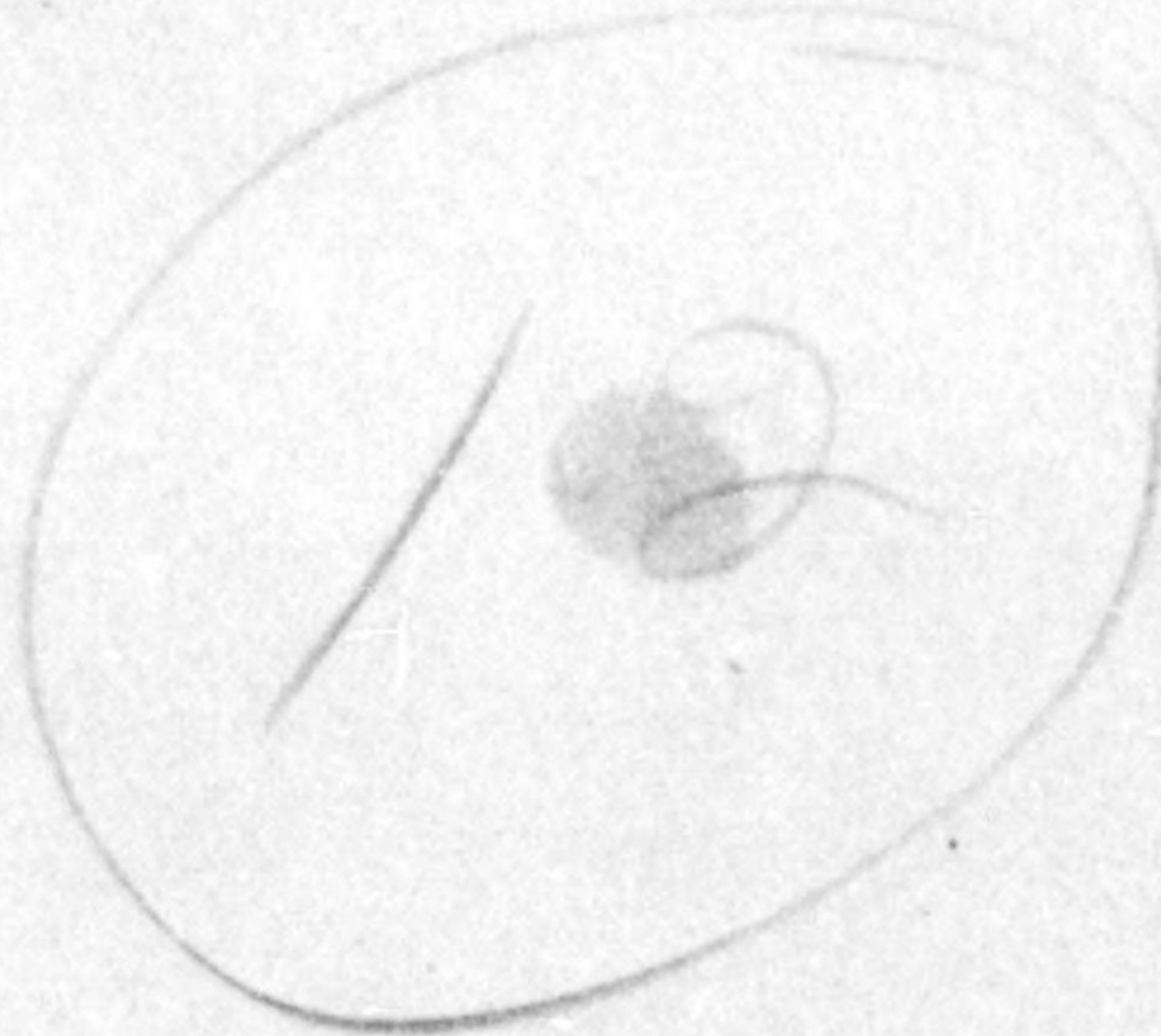
(7) Film no. Sheet no.

(Compiled by National Diet Library)



COMPLETE INVENTORY LIST OF ALL REPARATION MACHINES AND EX  
MACHINES ALSO LAND AND BUILDINGS DISIGNATED FOR REPARATIONS  
AT THE FOLLOWING PLANT

Name of Plant	Location	Code No	Remarks
TOYAMA PLANT, EBARA SEISAKUSHO K.K.	200, MUKAI-SHINJO, TOYAMA-SHI	42-224	MACHINE TOOLS





LIST OF I.M.D. MACHINE

Name of Plant: Toyama Plant, Tbara Mfg. Co., Ltd.  
Address : 200, Mukai-shinjo, Toyama-shi.  
Code No. : 42-24

Total I.M.D. Machine ..... 128  
1. With Motor ..... 93  
2. Motor Missing ..... 35

.....



LIST OF MACHINERY AND EQUIPMENT INVENTORIEDTOYAMA PLANT  
EBARA MFG.CO., LTD.

<u>CODE NO.</u>	<u>NAME OF MACHINE</u>
IA1 - 1	Horizontal Boring Machine
- 2	"
- 3	"
- 4	"
- 5	"
- 6	"
- 7	"
- 8	"
- 9	Vertical Boring Machine
-10	"
-11	"
-12	"
IA3 - 1	Radial Drilling Machine
- 2	"
- 3	"
- 4	"
- 5	"
- 6	"
- 7	"
- 8	"
- 9	"
-10	Upright Drilling Machine



<u>CODE NO.</u>	<u>NAME OF MACHINE</u>
IA3 -11	Upright Drilling Machine
-12	"
-13	"
-14	"
-15	"
-16	"
-17	"
-18	"
-19	"
-20	"
-21	"
-22	"
-23	"
-24	"
-25	"
-26	Bench Drill
-27	"
-28	"
-29	"
IA4 - 1	Gear Hobbing Machine
- 2	"
- 3	"
- 4	"
- 5	"
- 6	"



<u>CODE NO.</u>	<u>NAME OF MACHINE</u>
IA4 - 7	Gear Hobbing Machine
- 8	"
- 9	"
-10	"
-11	"
-12	"
-13	"
-14	Gear shaper
-15	"
-16	"
-17	Bevel Gear Generator
-18	Gear Finishing Machine
-19	"
IA5 - 1	External Cylindrical Grinding Machine
- 2	"
- 3	"
- 4	"
- 5	Internal Cylindrical Grinding Machine
- 6	"
- 7	Surface Grinding Machine
- 8	"
- 9	"
-10	Special tool & Cutter Grinder
-11	"
-12	"



<u>CODE NO.</u>	<u>NAME OF MACHINE</u>
IA5 -13	Special tool & Cutter Grinder
-14	Grinding Machine ( stand )
-15	"
-16	"
-17	"
-18	"
-19	"
-20	"
-21	"
-22	"
IA6 - 1	Lathe ( engine )
- 2	"
- 3	"
- 4	"
- 5	"
- 6	"
- 7	"
- 8	"
- 9	"
-10	"
-11	"
-12	"
-13	"
-14	"
-15	"



<u>CODE NO.</u>	<u>NAME OF MACHINE</u>
IAB -16	Lathe ( engine )
-17	"
-18	"
-19	"
-20	"
-21	"
-22	"
-23	"
-24	"
-25	"
-26	"
-27	"
-28	"
-29	"
-30	"
-31	"
-32	"
-33	"
-34	"
-35	"
-36	"
-37	"
-38	"
-39	"
-40	"



<u>CODE NO.</u>	<u>NAME OF MACHINE</u>
IA6 -41	Lathe ( engine )
-42	"
-43	"
-44	"
-45	"
-46	"
-47	"
-48	"
-49	"
-50	"
-51	"
-52	"
-53	"
-54	"
-55	"
-56	"
-57	"
-58	"
-59	"
-60	"
-61	"
-62	"
-63	"
-64	"
-65	"



<u>CODE NO.</u>	<u>NAME OF MACHINE</u>
IA6 -66	Lathe ( engine )
-67	"
-68	"
-69	"
-70	"
-71	"
-72	"
-73	"
-74	"
-75	"
-76	"
-77	"
-78	"
-79	"
-80	"
-81	"
-82	"
- 83	"
-84	"
-85	"
-86	"
-87	"
-88	"
-89	"
IA7 - 1	Milling Machine ( Bed type )



<u>CODE NO.</u>	<u>NAME OF MACHINE</u>
IA7 - 2	Milling Machine ( Bed type )
- 3	Milling Machine ( Horizontal )
- 4	"
- 5	"
- 6	"
- 7	"
- 8	"
- 9	"
-10	"
-11	"
-12	"
-13	"
-14	"
-15	"
-16	"
-17	"
-18	"
-19	"
-20	"
-21	"
-22	"
-23	Milling Machine ( Vertical )
-24	"
-25	"
-26	"



<u>CODE NO.</u>	<u>NAME OF MACHINE</u>
IA7 -27	Milling Machine ( Vertical )
-28	Key Miller
IA8 - 1	Planer ( Double Housing )
- 2	"
- 3	"
- 4	"
- 5	"
- 6	"
- 7	"
- 8	"
IA9 - 1	Shaper
- 2	"
- 3	"
- 4	"
- 5	"
- 6	"
- 7	"
- 8	"
- 9	"
-10	"
-11	"
-12	"
-13	"
-14	"
-15	Slotter



<u>CODE NO.</u>	<u>NAME OF MACHINE</u>
IA7 -16	Slotter
-17	"
-18	"
-19	"
-20	"
-21	Sawing Machine
-22	"
IB3 - 1	Hand Press
IC1 - 1	Welding Machine
- 2	"
IC2 - 1	Hardness Tester ( Brinell )
- 2	" ( Shore )
IC2 - 1	Motor
-2	"
- 3	"
- 4	"
- 5	Geared Motor
- 6	"
IB1 - 1	Transformer
- 2	"
- 3	"
- 4	"
- 5	"
- 6	"
- 7	"
- 8	"



<u>CODE NO.</u>	<u>NAME OF MACHINE</u>
WBI - 9	Transformer
-10	"
-11	"
-12	"
-13	"
-14	"
-15	"
-16	"
-17	"
-18	"
-19	"
-20	"
-21	"
B2 - 1	Switch Board ( receiving )
- 2	" ( supplying )
- 3	"
- 4	"
- 5	"
- 6	"
- 7	"
- 8	"
- 9	"
-10	"
-11	"
B1 - 1	Air Compressor
C2 - 1	Crane



775013

CODE NO.

NAME OF MACHINE

MC2 - 2

Crane

TOTAL..... 275



THE EBARA MFG. CO., LTD.  
TOYAMA PLANT

To: Headquarters, The Eighth Army.

DATE: Jan. 25th. 1947

PETITION

Being recently designated on reparations list as a machine tool factory, our stocks of materials were surveyed by the Japan Engineering Works Control Association, Toyama Branch ( Nihon Kensetsu Kogyo Tosei Kumiai Toyama-ken Shibu ) on 14th. inst. and we submitted to them a list of materials we possess just as an annexed sheet.

Our plant, however, is now being engaged in manufacturing pumps exclusively which are used for such key industries as agriculture, chemical fertilizer manufacturing, coal mining and water supply and sewerage, serving to the very foundation of stabilization of the Japanese civilian life. And materials listed in annexed sheet are indispensable for making these pumps. The reasons are respectively as follows:

- a. Steel bars and bolts are necessary as components of pumps and were already allotted for each order.
- b. Conduit tubes are needed for repairs of electric wiring in plant.
- c. Fire-bricks are to be used for repair of cupolas.
- d. Heavy oil is indispensable for quenching of pumps parts.

Such being the case, we sincerely hope that afore-said materials would be allowed to be retained.

*Teinosuke Ando.*  
( TEINOSUKE ANDO )  
Director and Manager of  
Toyama Plant  
The Ebara Mfg. Co., Ltd.



No. 1

ITEM DESCRIPTION	UNIT	QUANTITY	TOTAL ESTIMATED WEIGHT	NUMBER OF CARLOADS	REMARKS
WATER-Pipe 1 1/2" diam.	mtr	300			
PIPE 2" "	"	750	20ton	1 Car	
PIPE 4" "	"	250			
RAIL 45lb	ea	250	60ton	3 Cars	with its belongings
<b>MACHINERY FACTORY</b>					
LUMBER	koku	720	180ton	3 Cars	built of wood, one-storied. 240 tsubo, tile-roofing keeping Reparation Machines
BOLT, NAIL	kan	720	2.7ton		
GLASS common 0.1" thick	sq. shaku	1787	1ton		
CRANE 1 ton	ea	1	10ton	1 Car	with its belongings
KNIFE SWITCH 3 Poles 100 A	ea	3			
50 A	ea	3			
30 A	"	6			
SWITCH covered, 2 Pole 100 A	"	1			
75 A	"	1			
20 A	"	4			
10 A	"	2			
ELECTRIC WIRE 60m/m w2	mtr	190			with knob & belongings
8.0m/m w4	"	50			
5.5m/m w4	"	90			
2.0m/m w4	"	200	10 ton	1 Car	
TILE for Japanese roofing	tsubo	240	50 ton	5 Cars	
<b>FINISHING &amp; ASSEMBLY FACTORY</b>					
LUMBER	koku	800	200 ton	10 Cars	wood, one-storied, tile roofing. 266.5 tsubo keeping Reparation Machines.



OIL-STORAGE

one-storied, wood house  
tile roofing, 12 tube

LUMBER	koku	25		
BOLT, NUT	kan	25	6 ton	1 Car
TILE for Japanese roofing	tubo	10	2 ton	

SCRAPS PLACE

LUMBER	koku	36		
BOLT, NAIL	kan	30	10 ton	1 car
GLASS				
TILE Japanese roofing	tubo	15	2.8ton	

666

OUTFIT ROOM

2-storied, wood house  
downstairs 70 tube and  
upstairs 70 tube total  
space 140 tube. tile roof.

Lumber	koku	300	75 ton	4 cars
BOLT, NAIL	kan	280	1 "	
GLASS	sq-shaku	460	0.3ton	

ELECTRIC MATERIALS

KNIFE SWITCH covered 30 amp	pcs	2		
ELECTRIC WIRE 1.6m/m W4	mtr	140		
UNIVERSAL LIGHT	ea	20		1 car with 1 meter cord and its belongings
TILE Japanese roofing	tubo	120	2.4 ton	

GARAGE



BOLT, NAILS	kan	800ton	3ton		
GLASS common 6.1" thick	sq. shaku	1700	1 "		
CRANE 3 ton	ea	1	10 "	1 Car	with its belongings
KNIFE SWITCH 3 Pole 50amp	ea	1			with knob insulator, cleat, & Other articles.
30amp	ea	5			
SWITCH 3 Pole covered					
100 amp	ea	1			
50 amp	ea	1			
20 amp	ea	1			
SWITCH BOX 30 amp	ea	2			
UNIVERSAL LIGHT with 2 mtr cord	ea	2			
BRACKET	ea	14			
ELECTRIC WIRE					
60m/m W4	mtr	80			
8 m/m W4	"	120			
5.5 m/m W4	"	100			
2 m/m W4	"	200	10 ton	1 Car	(total weight)
TILE for Japanese roofing	tubo	250	50 ton	5 Cars	

No. 2



NEW MACHINERY FACTORY

No. 3

LUMBER	koku	1300	322 ton	16 Cars
BOLT, NAIL	kan	1300	5 ton	
GLASS common 0.1" thick	sq.shaku	3000	2 ton	1 Car
CRANE 5 ton	ea	1	20 ton	1 Car
KNIFE SWITCH 3 POLE 250V 300amp	ea	2		
350V 300amp	ea	2		
KNIFE SWITCH 2 POLE 250V 200amp		6		
250V 30amp	ea	48		
CHAIN PENDANT	ea	20		
SWITCH BOX	EA	50		
CONSENT	ea	50		
ELECTRIC WIRE 60m/m W4	mtr	560		
30m/m W4	"	200		
8m/m W4	"	350		
5.5m/m W4	"	100		
2m/m	"	150		
PIPE cast iron 2"	"	200		
ditto 1"	"	100		
ditto 1/2"	"	50	10 ton	1 Car
TILE for Japanese roofing	tubo	400	80 ton	4 Cars

built of wood one-storied  
439 tubo, tile-roofing.  
keeping Reparation Machine

sheet steel 12 switches  
enclosed

with its belongings

sheet steel 12 switches  
enclosed

with its belongings



LUMBER	KOKU	20	5 ton		
BOLT, NAIL	kan	27			
GLASS 0.1" thick	sq. shaku	20			
TILE					
Japanese roofing	tubo	8	1.6ton	1 car	

one-storied wood house,  
9 tubo, and tile roofing.

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GUARD & MEDICAL OFFICE

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ONE-STORIED WOOD HOUSE  
8.25 tubo tile roofing.

LUMBER	koku	18	4.5 ton		
BOLT, NAIL	kan	24			
GLASS 0.1" thick	sq. shaku	380			
UNIVERSAL LIGHT	pcs	4			
WIRE 1.6m/m W4	mtr	10			
TILE	tubo	7	1.5 ton	1 car	
Japanese roofing					

with cord & belongings

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NO.1 WAREHOUSE

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one-storied wood house,  
12 tubo, tile roofing.

LUMBER	koku	24	6 ton		
BOLT, NAIL	kan	30			
GLASS	sq. shaku	100			
TILE	tubo	10	2 ton	1 car	
Japanese					

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NO.2 WAREHOUSE

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two-storied woodbuilding  
ground floor 48 tubo &  
upstairs 44 tubo  
tile roofing.

LUMBER	koku	184	46 ton	5 cars	
BOLT, NAILS	kan	230	1 ton		
GLASS	sq. shaku	700			
UNIVERSAL LIGHT	EA	9			
WIRE 1.6m/m W4	mtr	30		1 car	
TILE	tubo	85	17 ton	1 car	
Japanese roofing					

with cord & its belongings

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EXAMINATION OFFICE



165

one-storied wood building  
17 tube, tile roofing.

LUMBER	Koku	35	8 ton	
BOLT, NAIL	kan	40	1.5ton	
GLASS	sq.shaku	150	0.1ton	
TILE roofing	tube	15	7 ton	1 car

DINING ROOM

one-storied wood building  
71.75tube tile roofing

LUMBER	koku	142	33 ton	
BOLT, NAIL	kan	150	6 ton	4 cars
GLASS	sq.shaku	656	0.5ton	
BOILER vertical type	ea	1	2 ton	
DITTO	"	3	3 ton	1 car
UNIVERSAL LIGHT	Pcs	10		
WIRE 1.6m/m W4	mtr			
TILE roofing	tube	65	30 ton	3 cars

with cord & belongings

BATH ROOM

one-storied wood building  
35tube tile-roofing  
a tiled bath

LUMBER	koku	70	18 ton	
BOLT, NAIL	Kan	70		
GLASS	sq.shaku	450		2 cars
TILE roofing	tube	30	15 ton	1 car

BOILER ROOM

one-storied wood house  
25 tube tile roofing

LUMBER	koku	50	13 ton	
BOLT, NAIL	kan	50		
GLASS	sq.shaku	75		1 car
BOILER	ea	1	20 ton	1 car
TILE roofing	tube	20	10 ton	1 car



N66

## STEEL YARD

LUMBER	roku	72	18 ton
BOLT, NAIL	kan 96	96	
TILE roofing	tubo	45	

one-storied wood house  
48 tubo tile roofing

I car

## STORE HOUSE

LUMBER	roku	120	30 ton	3 cars
BOLT, NAIL	kan	160	0.6"	
GLASS	sq. shaku	250	0.2 "	
TILE roofing	tubo	75	37 "	
UNIVERSAL LIGHT	ea	8		
WIRE 1.6m/m	mtr	20		2 car

one-storied wood house  
80 tubo, tile roofing

with cord&amp; etc.

## OFFICE

LUMBER	roku	63	15 ton	
BOLT, NAIL	kan	84	0.3 "	
GLASS	sq. shaku	180	0.2 "	
TILE roofing	tubo	40	20 "	2 cars
UNIVERSAL LIGHT	ea	10		
WIRE 1.6 m/m W4				

one-storied wood house  
tile roofing 42 tubo  
plastered

with 1.5m cord

666

## TEMPERING FACTORY

LUMBER	roku	32	8 ton	
BOLT, NAIL	kan	32	0.1 "	
GLASS	sq. shaku	120	0.1 "	
K.S. 3p 30amp	ea	1		
WIRE 5.5m/m W4	mtr	10		I car

one-storied wood house  
16 tubo tile roofing  
plastered



№ 7

TILE	tubo	14	7 ton	1 car	
Japanese roofing					
<hr/>					
BOILER ROOM					
27.235 tubo tile roofing one-storied wood building					
LUMBER	keku	54.45	16 ton		
BOLT, NAIL	kan	54.45	0.2 "		
GLASS	sq.shaku	125	0.1 "	1 car	
BOILER	ea	2	20 "	1 car	
Tuneyoshi type					
CHIMNEY					
concretebuilt	shaku	120			not removed
TILE roofing	tubo	20	10 "	1 car	
<hr/>					
OFFICE					
two-storied wood house ground floor 84.5 tubo upstairs 51 tubo tile-roofing					
LUMBER	keku	338.75	84 ton		
BOLT, NAIL	kan	271	1 "		
GLASS	sq.shaku	1000	0.8 "		
STOOL	ea	1			
URINAL	"	2			
WASH-BASIN	"	1		5 cars	
TILE	tubo	120	60 ton	3 cars	
Japanese roofing					
A.S.					
2p 75amp	ea	1			
" 50 "	"	1			
" 20 "	"	6			
" 15 "	"	1			
" 10 "	"	1			
CHAIN PENDANT	ea	17			
PIPE PENDANT	"	1			
CEILING LIGHT	ea	6			
TUBULAR SWITCH	ea	11			with plate
10amp					
UNIVERSAL LIGHT	ea	3			with 1.5 m/m cord & socket
PULL SWITCH	ea	2			
WIRE					
14.0m/m W4	mtr	20			
5.5 m/m W4	"	100			
2.0m/m W4	"	150			
1.6m/m W4	"	50	10 ton	1 car	



INSTALLED MATERIALS AND SUPPLIES 施設濟ノ資材

ITEM DESCRIPTION 品目名稱	UNIT 單位	QUANTITY 數量	TOTAL ESTIMATED WEIGHT 見積總重量	NUMBER OF CARLOADS 積込貨車數	REMARKS 摘要
TRANSFORMER 100 kva	ea	3			good with its belongings
50 "	ea	9			ditto
40 "	ea	3			ditto
20 "	ea	2			ditto
15 "	ea	3			ditto
OIL SWITCH on pillar 100A	ea	15			
CONDUCTOR	set	1			
METER, SWITCH & THINGS ATTACHED	"	1			various sorts
OUTER WIRING & ITS BELONGINGS	"	1			

N28

地方府縣米軍政府係官專用欄 FOR USE BY PREFECTURAL MILITARY GOVERNMENT TEAM ONLY. STRIKE OUT WORDS NOT APPLICABLE AND FILL IN BLANK SPACES.

IS (NOT) AN ENEMY SURRENDERED FACILITY.  
IS (NOT) A REPARATION FACILITY.  
IS (NOT) PRODUCING FOR OCCUPATION FORCES.  
IF SO, GIVE PROCUREMENT DEMAND NUMBERS OR DATA REGARDING ORDERS FOR DEPENDENT HOUSING:

HAS (NOT) BEEN TURNED BACK TO HOME MINISTRY.  
IS (NOT) OPERATING.  
ANY OBJECTION TO REMOVAL OF ABOVE ITEMS:

*It is recommended that nothing should be removed from the plant as long as headquarters so to allow any part of the plant will be removed from operations.*

CORRESPONDENCE OR ACTION IS (NOT) PENDING TO REMOVE PLANT FROM REPARATIONS LIST.  
CORRESPONDENCE OR ACTION IS (NOT) PENDING FOR (REOPENING) (CLOSING) THE PLANT.  
STATEMENT AS TO WHETHER MACHINERY OR EQUIPMENT IN PLANT WILL BE JEOPARDIZED BY REMOVAL OF ABOVE ITEM:

*as long as buildings remain in good condition no machinery would be jeopardized*



OIL SWITCH  
on pillar 100A

ea

15

CONDUCTOR

set

1

METER, SWITCH &

"

1

various sorts

THINGS ATTACHED

OUTER WIRING & ITS  
BELONGINGS

"

1

4.5 ton ~~car~~ 1 car

ANK SPACES.

PENDING TO REMOVE

PENDING FOR (REOPEN-

RY OR EQUIPMENT IN  
DUAL OF ABOVE ITEM:

*is remain  
to machinery  
type*

\*\* END \*\*

地方府縣米軍軍政府係官專用欄 FOR

IS (NOT) AN ENEMY SURRENDERED  
IS (NOT) A REPARATION FACILITY.  
IS (NOT) PRODUCING FOR OCCUP.  
IF SO, GIVE PROCUREMENT DEP  
REGARDING ORDERS FOR DEPE

24

PLANT NO. SEI

*The presence  
H. Mimura*



ITEM	品	DESCRIPTION	QUANTITY	UNIT	REMARKS
		ON BRITISH INDUSTRY	1		
		ON BRITISH INDUSTRY	1		
		ON BRITISH INDUSTRY	12		
		ON BRITISH INDUSTRY	3		
		ON BRITISH INDUSTRY	5		
		ON BRITISH INDUSTRY	3		

地方府縣米軍政府係官專用欄 FOR USE BY PREFECTURAL MILITARY GOVERNMENT TEAM ONLY. STRIKE OUT WORDS NOT APPLICABLE AND FILL IN BLANK SPACES.

IS (NOT) AN ENEMY SURRENDERED FACILITY.  
 IS (NOT) A REPARATION FACILITY.  
 IS (NOT) PRODUCING FOR OCCUPATION FORCES.  
 IF SO, GIVE PROCUREMENT DEMAND NUMBERS OR DATA REGARDING ORDERS FOR DEPENDENT HOUSING:

HAS (NOT) BEEN TURNED BACK TO HOME MINISTRY  
 IS (NOT) OPERATING.  
 ANY OBJECTION TO REMOVAL OF ABOVE ITEMS:

CORRESPONDENCE OR ACTION IS (NOT) PENDING TO REMOVE PLANT FROM REPARATIONS LIST.  
 CORRESPONDENCE OR ACTION IS (NOT) PENDING FOR (REOPENING) (CLOSING) THE PLANT.

*It is recommended that nothing should be removed until word is received from higher headquarters as to whether any part of the plant will be removed from reparations.*

STATEMENT AS TO WHETHER MACHINERY OR EQUIPMENT IN PLANT WILL BE JEOPARDIZED BY REMOVAL OF ABOVE ITEM:  
*as long as buildings remain, in good condition no machinery would be jeopardized*

PLANT NO.: 24 SERIAL NO. OF FORM: TYMD 4 DATE: \_\_\_\_\_ MIL GOVT OFFICER: \_\_\_\_\_ PREFECTURE: \_\_\_\_\_



NAME OF PLANT, LABORATORY, OR ARSENAL:

工場、研究所又ハ兵器廠ノ名稱

LOCATION: *EDATA SEISAKUSHO TOYAMA plant*

所在地 *200 SHIMA-MUTA KAMINIKAWA-GUN*

SIGNATURE OF OWNER OR CUSTODIAN:

所有者又ハ管理人ノ署名

*Teinosuke Ando*

REPARATIONS PLANTS MATERIALS

賠償工場ノ資材

CONTRACTOR'S REPRESENTATIVE:

契約者ノ代表者

*GEN Contractors Assn of JAPAN*

*Shimizu-Gumi Bumpai Sasabayashi*

*(TOYAMA Branch Member)*

\*\* SIGNATURE OF LOCAL JAPANESE LIAISON OFFICER:

當該地區日本連絡官ノ署名

*TOYAMA Prefecture*

*Kei Matanda*

DATE:

日附 *JAN 31 1947*

MATERIAL STOCKS (NOT INSTALLED) 在庫資材表 (施設ニ含マレザルモノ)

ITEM DESCRIPTION	UNIT	QUANTITY	TOTAL ESTIMATED WEIGHT	NUMBER OF CARLOADS	CONDITION ***	REMARKS
品目名稱	單位	數量	見積總重量	積込貨車數	狀態	摘要

*The opinion of the surveyor.*

- 1. Is (not) operating. yes*
- 2. The name of production. pumps*
- 3. Is (not) a conversion plant. No*
- 4. Is (not) producing for occupation forces, if so describe the permission numbers. no*
- 5. Any objection of plants to removal of survey item. yes*

\* Owner or cu

所有者又ハ

\*\*\* Describe as

狀態ニ



\* Owner or co-  
所有者又  
\*\*\* Describe as  
状態記号 =

- 2. The name of production. *pumps*
- 3. Is (not) a conversion plant. *No*
- 4. Is (not) producing for occupation forces, if so  
describe the permission numbers. *no*
- 5. Any objection of plants to removal of survey item. *yes*
- 6. Further the information occupation and repair and use  
remarks column.
- 7. Installed materials and supplies is (not)  
take away only but after to removal of repair  
non materials *yes*

*Bumpei Nasabayashi*



\* Owner or custodian to attach statement of his interest.  
所有者又は管理人の必要書類を提出する。  
\*\*\* Describe as New  
状態は新品

Being recently designated on reparations list as a machine tool factory, our stocks of materials were surveyed by the Japan Engineering Works Control Association, Toyama Branch ( Nihon Kensetsu Kogyo Tosel Kumiai Toyama-ken Shibu) on 14th. just as an annexed sheet.

Our plant, however, is now being engaged in manufacturing pumps exclusively which are used for such key industries as agriculture, chemical fertilizer manufacturing, coal mining and water supply and sewerage, serving to the very foundation of stabilization of the Japanese civilian life. And materials listed in annexed sheet are indispensable for making these pumps. The reasons are respectively as follows:

- a. Steel bars and bolts are necessary as components of pumps and were already allotted for each order.
- b. Conduit tubes are needed for repairs of electric wirings in plant.
- c. Fire-bricks are to be used for repair of cupolas.
- d. Heavy oil is indispensable for quenching of pumps parts.

Such being the case, we sincerely hope that afore-said materials would be allowed to be retained.

*Teinosuke Ando*  
(TEINOSUKE ANDO)  
Director and manager of  
Toyama Plant  
The Ebara Mfg. Co., Ltd.

statement if he desires.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013



DITTO " 500  
15m/m 5.50c

CONDUIT TUBE  
16m/m x 22m/m 3m pcs 15

\* Owner or custod  
所有者又ハ管理  
\*\*\* Describe as Neu  
状態ハ新品

DITTO  
21m/m x 27m/m 3m

\*\* Prefectural Japanese Liaison Officer to attach statement if he desires.

官設地味連絡官ハ之様ニ書ク説明書ヲ添付スル

"Poor" will indicate "not suitable for reuse."

DITTO  
33m/m x 33m/m 3m " 25

FIRE BRACK

HEAVY OIL ltr 90

new

BOLT:NU1 5/8T 50m/m pcs 250

5/8T 35m/m " 50

3/4 35m/m " 100

7/8 35m/m " 100

7/8 65m/m " 100

5/8B 55m/m " 50

5/8B 60m/m " 50

5/8B 80m/m " 200

5/8 90m/m " 100

3/4B 50m/m " 200

3/4B 100m/m " 50

RADIATOR 72m/m " 100

poor

RADIATOR JOINT " 19

One Car



To: Toyama Civil Affairs Team

From: Toyama Plant, Ebara Mfg. Co., Ltd.

Sept. 20, 1949

Gentlemen,

We herewith submit to you "List of Machinery and Equipment Inventoried" under separate cover.

Sincerely yours,

Signature..... *Teinosuke Ando* .....  
( Teinosuke Ando )

Director and Manager of  
Toyama Plant



TOYAMA PLANT  
EBARA MFG. CO., LTD

LIST OF MACHINERY AND EQUIPMENT INVENTORIED

Date: Sept. 20, 1949

<u>CODE NO.</u>	<u>NAME OF MACHINE</u>	<u>REMARKS</u>
IA1- 1	Horizontal Boring Machine	DS
- 2	"	"
- 3	"	"
- 4	"	"
- 5	"	"
- 6	"	U
- 7	"	DS
- 8	"	"
- 9	Vertical Boring Machine	"
-10	"	"
-11	"	U
-12	"	DS
IA3- 1	Radial Drilling Machine	U
- 2	"	DS
- 3	"	"
- 4	"	"
- 5	"	"
- 6	"	U
- 7	"	DS
- 8	"	"
- 9	"	"
-10	Upright Drilling Machine	"
-11	"	"
-12	"	"
-13	"	"



<u>CODE NO.</u>	<u>NAME OF MACHINE</u>	<u>REMARKS</u>
IA3-14	Upright Drilling Machine	DS
-15	"	"
-16	"	"
-17	"	"
-18	"	"
-19	"	"
-20	"	"
-21	"	U
-22	"	DS
-23	"	"
-24	"	"
-25	"	"
-26	Bench Drill	"
-27	"	"
-28	"	U
-29	"	DS
IA4- 1	Gear Hobber	"
- 2	"	"
- 3	"	"
- 4	"	"
- 5	"	"
- 6	"	U
- 7	"	DS
- 8	"	"
- 9	"	"
-10	"	"
-11	"	"
-12	"	"



<u>CODE NO.</u>	<u>NAME OF MACHINE</u>	<u>REMARKS</u>
IA4- 13	Gear Hobber	U
- 14	Gear shaper	DS
- 15	"	U
- 16	"	DS
- 17	Bevel gear shaper	U
- 18	Gear Finishing machine	DS
- 19	"	"
IA5- 1	External Cylindrical Grinding Machine	U
- 2	"	DS
- 3	"	U
- 4	"	DS
- 5	Internal Cylindrical Grinding Machine	U
- 6	"	U
- 7	Surface Grinding Machine	DS
- 8	"	"
- 9	"	"
-10	Special tool & Cutter Grinder	"
-11	"	U
-12	"	"
-13	"	DS
-14	Grinding Machine	"
-15	"	U
-16	"	DS
-17	"	U
-18	"	DS
-19	"	"
-20	"	"
-21	"	U



CODE NO.	NAME OF MACHINE	REMARKS
IA5-22	Grinding Machine	DS
IA6- 1	Lathe	"
- 2	"	"
- 3	"	"
- 4	"	"
- 5	"	"
- 6	"	"
- 7	"	"
- 8	"	"
- 9	"	"
-10	"	"
-11	"	"
-12	"	"
-13	"	"
-14	"	"
-15	"	"
-16	"	"
-17	"	"
-18	"	"
-19	"	"
-20	"	"
-21	"	"
-22	"	"
-23	"	"
-24	"	"
-25	"	"
-26	"	U
-27	"	DS



CODE NO.	NAME OF MACHINE	REMARKS
IA6-28	Lathe	DS
-29	"	"
-30	"	"
-31	"	"
-32	"	"
-33	"	"
-34	"	"
-35	"	"
-36	"	"
-37	"	"
-38	"	"
-39	"	"
-40	"	"
-41	"	"
-42	"	"
-43	"	"
-44	"	"
-45	"	"
-46	"	"
-47	"	"
-48	"	"
-49	"	"
-50	"	"
-51	"	"
-52	"	"
-53	"	"
-54	"	"



CODE NO.	NAME OF MACHINE	REMARKS
IA6-55	Lathe	DS
-56	"	"
-57	"	"
-58	"	"
-59	"	"
-60	"	"
-61	"	"
-62	"	"
-63	"	"
-64	"	"
-65	"	"
-66	"	"
-67	"	"
-68	"	"
-69	"	"
-70	"	"
-71	"	"
-72	"	"
-73	"	"
-74	"	"
-75	"	U
-76	"	U
-77	"	DS
-78	"	"
-79	"	"
-80	"	"
-81	"	"



<u>CODE NO.</u>	<u>NAME OF MACHINE</u>	<u>REMARKS</u>
IA6-82	Lathe	DS
-83	"	"
-84	"	"
-85	"	"
-86	"	"
-87	"	"
-88	"	U
-89	"	"
IA7- 1	Milling Machine ( Bed type )	DS
- 2	"	"
- 3	Horizontal Milling Machine	"
- 4	"	"
- 5	"	"
-6	"	U
- 7	"	DS
- 8	"	"
- 9	"	"
-10	"	"
-11	"	"
-12	"	"
-13	"	"
-14	"	"
-15	"	"
-16	"	"
-17	"	"
-18	"	"
-19	"	"
-20	"	"



<u>CODE NO.</u>	<u>NAME OF MACHINE</u>	<u>REMARKS</u>
IA7-21	Horizontal Milling Machine	DS
-22	"	"
-23	Vertical Milling Machine	"
-24	"	"
-25	"	U
-26	"	DS
-27	"	"
-28	Key Miller	U
IA8- 1	Planer ( Double Housing )	DS
- 2	"	"
- 3	"	"
- 4	"	"
- 5	"	"
- 6	"	"
- 7	"	"
- 8	"	"
IA9- 1	Shaper	"
- 2	"	"
- 3	"	"
- 4	"	"
- 5	"	"
- 6	"	"
- 7	"	"
- 8	"	"
- 9	"	"
-10	"	"
-11	"	"
-12	"	"
-13	"	U



<u>CODE NO.</u>	<u>NAME OF MACHINE</u>	<u>REMARKS</u>
IA9-14	Shaper	DS
-15	Slotter	U
-16	"	DS
-17	"	"
-18	"	"
-19	"	"
-20	"	"
-21	Sawing Machine	"
-22	"	U
IB3- 1	Hand press	DS
IC1- 1	Welding Machine	U
- 2	"	DS
IC2- 1	Hardness Tester (Brinell)	"
- 2	" (Shore)	U
IA2- 1	Motor	DS
- 2	"	"
- 3	"	"
- 4	"	"
- 5	Geard Motor	"
- 6	"	"
I B1- 1	Transformer	U
- 2	"	"
- 3	"	"
- 4	"	"
- 5	"	"
- 6	"	"
- 7	"	"
- 8	"	"



CODE NO.	NAME OF MACHINE	REMARKS
I B1- 9	Transformer	U
-10	"	"
-11	"	"
-12	"	"
-13	"	"
-14	"	"
-15	"	"
-16	"	"
-17	"	"
-18	"	"
-19	"	"
-20	"	"
-21	"	"
II B2- 1	Switch Board (reseiving)	"
- 2	"	"
- 3	Switch Board (supplying)	"
- 4	"	"
- 5	"	"
- 6	"	"
- 7	"	"
- 8	"	"
- 9	"	"
-10	"	"
-11	"	"
III B1- 1	Air Compressor	"
C2- 1	Crane	DS
- 2	"	"
<u>Total.</u>		275
		(U 64)
		(DS 211)



To: Toyama Civil Affaires team  
From: Toyama Plant, Ebara Mfg. Co., Ltd.

Sept. 20, 1949

Gentlemen,

We herewith submit to you "List of Machinery and Equipment EX." under separate cover.

Sincerely yours,

Signature..... *Teinosuke Ando*.....  
( Teinosuke Ando )

Director and Manager of  
Toyama Plant



TOYAMA PLANT  
EBARA MFG. CO., LTD.

LIST OF MACHINERY AND EQUIPMENT EX.

Date: Sept. 20, 1949

<u>ITEM NO.</u>	<u>NAME OF MACHINE</u>	<u>SIZE</u>	<u>MAKER</u>	<u>REMARKS</u>
1	Horizontal Boring Machine	#3	Hirao	
2	Vertical Boring Machine	850mm	Ebara seisakusho	
3	"	"	"	
4	"	"	"	
5	"	"	"	
6	"	1,250mm	Niigata	
7	Radial Drilling Machine	1.5m	Dainihon-koki	
8	"	"	"	
9	"	1.0m	Rokuroku	
10	Tool Grinder	8"	unknown	
11	"	14"	Mizuhodenki	
12	"	"	"	
13	External Cylindrical Grinder	1m	Hokushin	
14	Lathe	6'	Shimamoto	
15	"	"	Matsui	
16	"	"	"	
17	"	"	Ebara	
18	"	"	"	
19	"	8'	Ikegai	
20	"	12'	Dainihon-koki	
21	"	"	"	
22	"	"	"	
23	"	10'	Namba	
24	"	18'	Rokuroku	



<u>ITEM NO.</u>	<u>NAME OF MACHINE</u>	<u>SIZE</u>	<u>MAKER</u>	<u>REMARKS</u>
25	Vertical Milling Machine	#2	Motoe	
26	"	"	"	
27	"	#3	Kinoshita	
28	"	"	"	
29	Planer	8'	Toyokikai	
30	Shaper	24"	Nakagawa	
31	"	"	"	
32	"	"	"	
33	Slotter	12"	Hirose	
34	"	"	Nagaoka	
35	Planger pump	1HP	Ebara	
36	Crane	10tons	Nihonki juki	
37	"	5 "	Yamamoto	
38	"	"	"	
39	"	2tons	"	
40	Jib crane	3 ton	Hitachi	
41	"	"	"	
42	"	"	"	
43	"	"	"	
44	"	"	"	
45	"	"	"	
46	"	"	"	
47	"	"	"	
48	"	"	"	
49	"	"	"	
50	"	"	"	

Total 50



To: Toyama Civil Affairs Team  
From: Toyama Plant, Ebara Mfg. Co., Ltd.

Sept. 20, 1949

Gentlemen,

We herewith submit to you "List of Land and Buildings Designated" under separate cover.

Sincerely yours,

Signature.... *Teinosuke Ando*....  
( Teinosuke Ando )

Director and Manager of  
Toyama Plant



TOYAMA PLANT  
EBARA MFG. CO., LTD.

LAND AND BLDG. AREA FOR REPARATIONS DESIGNATION

Date: Sept. 20, 1949

- |              |                   |
|--------------|-------------------|
| 1. Land      | 10,920 Sq. Meters |
| 2. Buildings | numbers 7         |
|              | 5,397 Sq. Meters  |



昭和

年

月

日

# 株式會社荏原製作所富山工場

本社

富山市向新庄二〇〇番地  
電話 一一七四七番  
東京都蒲田區羽田三丁目



List of Machinery and Equipment in Plant

The Ebara Mfg. Co., Ltd.

Toyama Plant.



(1)

NO. OF BLDG.	NAME OF BLDG.	QUANTITY OF MACHINERY & EQUIPMENT IN EACH BLDG. (in Units)			REMARKS
		MACHINE TOOLS	OTHER	TOTAL	
1	Machine Shop (No.1)	78	15	93	Formerly used for manufacturing machine tools.
2	Finishing Shop	8	5	13	-do-
3	Machine Shop (No.2)	95	15	110	Newly built for making pumps.
4	Plate Work Shop	55	8	63	Now being used chiefly for storage of machine tools.
5	Testing Shop	2	3	5	Newly built for testing pumps.
6	Foundry Shop	0	16	16	Newly built for casting pump parts.
7	Pattern Work Shop	0	9	9	Newly built for making pattern for pump parts.
8	Store House	2	0	2	Sawing Shop.
9	Electric Substation	0	5	5	
10	Boiler's Room	0	2	2	
26	Forging Shop	0	1	1	
TOTAL.....		240	79	319	



BUILDING NO. I - MACHINE SHOP (NO. I)

NO. OF MACHINE	NAME OF MACHINE	SIZE	MANUFACTURER	YEAR OF MANUFAC.	CONDITION	REMARKS
1	Lathe	4' 5"	Ebara	1940	A	
2	"	"	"	"	A	
3	"	"	"	"	A	
4	"	"	"	"	A	
5	"	"	"	"	A	
6	"	"	"	"	B	
7	"	"	"	"	A	
8	"	"	"	"	B	
9	"	"	"	"	B	
10	"	"	"	"	B	
11	"	"	"	"	A	
12	"	"	"	"	A	
13	"	"	"	"	B	
14	"	"	"	"	A	
15	"	"	"	"	A	
24	"	6'	"	1942	A	
25	"	"	"	"	A	
36	"	"	Toyo Kikai	1939	A	
37	"	"	"	"	C	
38	"	"	"	"	A	
39	"	"	"	"	A	
40	"	"	"	"	B	
41	"	"	"	"	A	
42	"	"	"	"	A	
43	"	"	"	"	A	



(3)

<u>NO. OF MACHINE</u>	<u>NAME OF MACHINE</u>	<u>SIZE</u>	<u>MANUFACTURER</u>	<u>YEAR OF MANUFACT.</u>	<u>CONDITION</u>	<u>REMARKS</u>
44	Lathe	6'	Toyo Kikai	1939	A	
45	"	"	"	"	A	
46	"	"	"	"	A	
47	"	"	"	"	B	
48	"	"	"	"	B	
49	"	"	"	"	B	
50	"	"	"	"	A	
51	"	"	"	"	A	
52	"	"	"	"	B	
54	"	"	Yoshikawa	"	A	
60	"	8'	Toyo Kikai	"	A	
61	"	"	"	"	A	
62	"	"	"	"	A	
63	"	"	"	"	A	
64	"	"	"	"	A	
65	"	"	Ebara	1942	A	
71	"	"	Sonobe	1939	B	
80	"	10'	Toyo Kikai	"	A	
81	"	12'	Sonobe	"	A	
82	"	"	"	"	A	
83	"	"	"	"	A	
84	"	"	"	"	A	
88	"	"	Dainihon Koki	1941	A	
93	Vertical Lathe	850 mm	Ebara	1944	A	
131	Horizontal Boring Machine	# 2 $\frac{1}{2}$	Ide	1939	A	
132	"	# 3	Kokisha	"	A	
145	Horizontal Milling Machine	$\frac{3}{4}$	Toyo Kikai	"	A	
146	"	"	"	"	A	



(4)

<u>NO. OF MACHINE</u>	<u>NAME OF MACHINE</u>	<u>SIZE</u>	<u>MANUFACTURER</u>	<u>YEAR OF MANUFACT.</u>	<u>CONDITION</u>	<u>REMARKS</u>
147	Horizontal Milling Machine	# 1	Toyo Kikai	1939	A	
151	"	# 1½	Nishikawa	"	A	
152	"	# 2	Sonobe	"	A	
157	Vertical Milling Machine	# 1½	Toyo Kikai	"	A	
158	"	"	Sonobe	"	A	
162	Universal Milling Machine	# 1½	Nishikawa	"	A	
163	"	# 2	Toyo Kikai	"	A	
164	"	"	Yoshikawa	"	A	
166	"	"	Motoe	1941	A	
170	Key Miller	156x65	Rekuroku	1944	B	
202	Planer	6'	Yamaguchi	1939	A	
204	"	8'	Namba	1941	A	
205	"	"	Toyo Kikai	"	A	
213	Shaping Machine	20"	"	1939	A	
214	"	"	"	"	A	
216	"	24"	"	"	A	
217	"	"	"	"	A	
219	"	"	Inasa	"	A	
223	"	26"	Toyo Kikai	"	A	
224	"	28"	Gold	1935	A	
226	Slotting Machine	6"	Toyo Kikai	1939	A	
228	"	12"	Nagaoka	"	A	
234	Centering Machine	4' 5"	Toyo Kikai	"	C	
235	Vertical Milling Machine	# 2	Tsubota	1945	B	Borrowed
236	Lathe	12'	Dainihon Koki	1941	A	"
501	Tool Grinder	10"	Mizuho Denki	1939	A	
502	"	"	"	"	A	



(5)

<u>NO. OF MACHINE</u>	<u>NAME OF MACHINE</u>	<u>SIZE</u>	<u>MANUFACTURER</u>	<u>YEARR OF MANUFACT.</u>	<u>CONDITION</u>	<u>REMARKS</u>
503	Tool Grinder	10"	Mizuho Denki	1939	A	
510	Cutter Grinder	6"	Toyo Kikai	"	A	
526	Hardness Tester (Brinell)	3 tons	Tokyo Shikenki	1940	B	
527	--- (Shore)		---	"	A	
533	Hoist	1 ton	Hitachi	1937	A	
537	Chain Block	1 1/2 ton	(Unknown)	1941	A	
604	Transformer	50 KVA	Osaka Henatsuki	1944	A	
605	---	---	---	---	A	
606	"	"	"	"	A	
618	"	15 KVA	Meidensha	1941	A	
622	Motors	10 HP	Fuji Denki		A	
623	"	"	"		A	
624	"	15 HP	Shibaura		A	

.....  
TOTAL NUMBER.....93 UNITS

(Note)

- CONDITION - A..... Good
- B..... Good, but requires repairs
- C..... Unserviceable without through going repairs
- D..... Unserviceable, because of being destroyed



(6)

BUILDING NO. 2 - FINISHING SHOP

<u>NO. OF MACHINE</u>	<u>NAME OF MACHINE</u>	<u>SIZE</u>	<u>MANUFACTURER</u>	<u>YEAR OF MANUFACT.</u>	<u>CONDITION</u>	<u>REMARKS</u>
101	Radial Drilling Machine	1 m	Rokuroku	1935	A	
102	"	"	"	"	A	
120	Upright Drilling Machine	20"	Seikenki	1941	A	
121	"	"	"	"	B	
126	Bench Drill		Toyo Kikai	1939	B	
127	"		Seiko Doriru	"	A	
128	"		Kawaguchi	"	A	
129	"		Seiko Doriru	"	A	
504	Tool Grinder	10"	Mizuho Denki	"	A	
505	"	"	"	"	A	
534	Hoist	1 ton	Hitachi	1937	A	
538	Chain Block	2 tons	(Unknown)	1940	A	
625	Motors	5 HP	Meldensha		A	

.....

TOTAL NUMBER.....13 UNITS



(7)

BUILDING NO. 3 - MACHINE SHOP (NO.2)

<u>NO. OF</u> <u>MACHINE</u>	<u>NAME OF MACHINE</u>	<u>SIZE</u>	<u>MANUFACTURER</u>	<u>YEAR OF</u> <u>MANUFACT.</u>	<u>CONDITION</u>	<u>REMARKS</u>
16	Lathe	4' 5"	Ebara	1943	A	
17	"	"	"	"	A	
18	"	"	"	"	B	
19	"	"	Shimamoto	1944	A	
20	"	"	"	"	A	
21	"	"	"	"	A	
22	"	"	"	"	A	
23	"	"	"	"	A	
26	"	6'	Ebara	1940	A	
27	"	"	"	"	B	
28	"	"	"	"	B	
31	"	"	"	"	B	
32	"	"	"	"	B	
33	"	"	"	"	B	
34	"	"	"	"	B	
58	"	"	Kubota	1941	A	
59	"	"	"	"	A	
72	"	8'	"	"	A	
73	"	"	"	"	A	
74	"	"	"	"	A	
75	"	"	"	"	A	
76	"	"	"	"	A	
77	"	"	"	"	A	
78	"	"	"	"	A	
79	"	"	"	"	A	
89	"	12'	Mitsubishi	1944	A	
90	"	14'	Fuji	"	A	



(8)

<u>NO. OF MACHINE</u>	<u>NAME OF MACHINE</u>	<u>SIZE</u>	<u>MANUFACTURER</u>	<u>YEAR OF MANUFACT.</u>	<u>CONDITION</u>	<u>REMARKS</u>
94	Vertical Lathe	850 mm	Ebara	1944	B	
95	"	"	"	"	B	
96	"	1250 mm	Kisha Kaisha	1935	B	
97	"	"	Karatsu	"	C	
98	"	1500 mm	Ebara	1944	A	
99	"	2300 mm	Schiess	1938	B	
106	Radial Drilling Machine	1.5 m	Dainihon Koki	1944	A	
108	"	2 m	Raboma	1935	A	
109	"	2.2 m	Okuma	1940	A	
134	Horizontal Boring Machine	# 3	Dainihon Koki	1944	A	
135	"	"	Karatsu	1935	A	
137	"	"	Daido	1941	A	
140	"	# 5	Karatsu	1935	A	
148	Horizontal Milling Machine	# 1 1/2	Umeda	1935	B	
149	"	"	"	"	B	
150	"	"	"	1939	B	
153	"	# 2	Kageyama	1935	B	
154	Unit Miller		"	1944	C	
155	"		Hitachi	"	B	
156	Horizontal Milling Machine	# 3	Okuma	"	A	
159	Vertical Milling Machine	"	Hitachi	"	A	
160	"	"	Kinoshita	1940	B	
161	"	"	"	1944	B	
165	Universal Milling Machine	# 2	Kageyama	1935	B	
167	"	# 3	Karatsu	1944	A	
168	"	"	Notoe	1940	B	



(9)

<u>NO. OF MACHINE</u>	<u>NAME OF MACHINE</u>	<u>SIZE</u>	<u>MANUFACTURER</u>	<u>YEAR OF MANUFACT.</u>	<u>CONDITION</u>	<u>REMARKS</u>
169	Universal Milling Machine	# 3	Motoc	1941	B	
171	surface Grinder	250	Tsukamoto	1940	B	
172	"	300	Norita	"	B	
173	"	450	Kobayashi	"	B	
174	Cylindrical Grinder	800	Tajima	1939	A	
175	"	1000	"	"	B	
176	Internal Grinder	140 x 300	Heald	1940	A	
177	"	M-100	Mikuro	"	A	
178	Cylindrical Grinder	2000	Hokushin	"	A	
179	Universal Grinder	1000	Otsuka	1941	A	
180	Gear Rapping Machine	180	Okamoto	"	A	
181	Tooth Rounding Machine	16"	"	"	A	
185	Hobbing Machine	14"	Kashifuji	1944	A	
186	"	"	"	"	A	
187	"	500	Pfauter	1940	A	
189	"	500	"	"	A	
190	"	800	Niles	"	B	
191	"	24"	Kashifuji	1941	A	
192	"	"	"	"	A	
193	"	"	"	1944	A	
194	"	"	"	"	A	
195	"	"	"	1940	B	
196	"	1000	Pfauter	"	A	
197	"	750	"	"	A	
198	Gear Shaper		Fellow	"	A	
199	"		Tokyo Kikai	"	A	
200	Gear Cutting Machine		J. Parkinson	"	C	



<u>NO. OF MACHINE</u>	<u>NAME OF MACHINE</u>	<u>SIZE</u>	<u>MANUFACTURER</u>	<u>YEAR OF MANUFACT.</u>	<u>CONDITION</u>	<u>REMARKS</u>
201	Bevel Gear Shaper	18"	Oya	1940	A	
207	Planer	8'	Tsukamoto	1935	A	
210	"	14'	Matsumoto	1944	A	
212	Shaping Machine	18"	Watabe	1935	B	
218	- " -	24"	Handa	1939	A	
220	- " -	- " -	Nakagawa	1935	B	
221	"	"	"	"	B	
222	"	"	"	1941	C	
225	"	32"	"	"	A	
227	Slotting Machine	8"	Toka	"	B	
229	- " -	12"	Osaka Seisa	1944	A	
230	"	16"	Sudo	"	A	
231	"	520	"	"	B	
237	Lathe	12'	Dainihon Koki	1941	B	borrowed
238	"	"	"	"	B	- " -
506	Tool Grinder	14"	Rokuroku	1940	A	
507	- " -	"	"	"	B	
508	"	"	"	"	A	
511	Cutter Grinder		Pfauter	1938	A	
512	- " -		Parkinson	"	A	
513	- " -		Hitachi	"	B	
528	Crane	10 tons	Nihon Kijuki	1943	A	
536	Hoist	1/2 ton	Hitachi	1935	A	
545	Tool Grinder	14"	Rokuroku	1940	A	Borrowed
601	Transformer	100 KVA	Meidensha	1941	A	
602	- " -	"	"	"	A	
603	"	"	"	"	A	
616	"	20 KVA	Osaka Henatsuki	1944	A	
626	Motors	10 HP	Yasukawa	1937	A	
627	Geared Motors	10 HP	Meidensha	1937	A	

.....  
TOTAL NUMBER.....110 UNITS



(11)

BUILDING NO. 4 - PLATE WORK SHOP - now being used as  
a store house for machines

<u>NO. OF MACHINE</u>	<u>NAME OF MACHINE</u>	<u>SIZE</u>	<u>MANUFACTURER</u>	<u>YEAR OF MANUFACT.</u>	<u>CONDITION</u>	<u>REMARKS</u>
29	Lathe	6'	Ebara	1940	B	Not yet being installed
30	"	"	"	"	B	"
35	"	"	"	"	D	"
53	"	"	Toyo Kikai	1939	B	"
55	"	"	Tsukamoto	1940	B	"
56	"	"	"	"	B	"
57	"	"	"	"	B	"
66	"	8'	Ebara	1942	B	"
67	"	"	Kageyama	1935	B	"
68	"	"	"	"	B	"
69	"	"	Okuma	"	B	"
70	"	"	Karatsu	"	B	"
85	"	12'	Hannya	1939	A	"
86	"	"	Kageyama	"	B	"
87	"	"	"	"	B	"
91	"	25'	Dainihon Koki	1940	C	"
92	Face Lathe		Toyo Kikai	1935	D	"
100	Vertical lathe	2500 mm.	Ebara	1942	C	" borrowed
103	Radial Drilling Machine	1 m.	Rokuroku	1935	B	"
104	"	"	Shindo	"	B	"
105	"	1.2 m.	Iguchi	1944	B	"
110	Upright Drilling Machine	20"	Toyo Kikai	1939	A	"
111	"	"	"	"	A	"
112	"	"	"	"	A	"
113	"	"	"	"	A	"



(12)

<u>NO. OF MACHINE</u>	<u>NAME OF MACHINE</u>	<u>SIZE</u>	<u>MANUFACTURER</u>	<u>YEAR OF MADE</u>	<u>CONDITION</u>	<u>REMARKS</u>
114	Upright Drilling Machine	20"	Toyo Kikai	1939	A	not yet being installed
115	"	"	"	"	B	"
116	"	"	"	"	B	"
117	"	"	"	"	B	"
118	"	"	Rokuroku	1935	B	"
119	"	"	"	"	B	"
122	"	24"	"	1941	A	installed
124	"	"	Toyo Kikai	1939	B	not yet installed
125	"	30"	"	"	A	"
130	Horizontal Boring Machine	# 2	"	"	C	"
133	"	# 2 1/2	Hirose	1944	D	"
136	"	# 3	Karatsu	1935	C	borrowed
138	"	# 5	Daide	1941	C	not yet installed
139	"	"	"	"	C	"
141	"	# 6	Schiess	1935	C	"
142	"	# 7	"	"	C	"
143	Horizontal Milling Machine	# 0	Toyo Kikai	1939	B	"
144	"	# 3/4	"	"	A	"
182	Horizontal Boring Machine		Ebara	1944	D	"
183	"		"	"	D	"
184	"		"	"	D	"
188	Hobbing Machine	18"	sonobe	1939	B	"
203	planer	6'	Ohara	"	C	"
206	"	8'	Toyo Kikai	1941	C	"
208	"	12'	"	"	C	borrowed
209	"	"	"	"	C	"
211	" (open type)	"	sekisan seiko	1940	D	"



(13)

<u>NO. OF MACHINE</u>	<u>NAME OF MACHINE</u>	<u>SIZE</u>	<u>MANUFACTURER</u>	<u>YEAR OF MADE</u>	<u>CONDITION</u>	<u>REMARKS</u>
215	shaping machine	20"	Toyo Kikai	1939	C	Not yet installed
239	Lathe	8'	Ikegai	1940	B	Borrowed & Not yet installed
240	"	6'	Shimamoto	"	B	"-
514	welding machine	Arch	Hitachi	1943	A	
516	"-	Oxygen	(Unknown)		A	
517	"	"	"		A	
529	Crane	5 tons	Yamamoto	1938	A	
607	Transformer	50 KVA	Osaka Henatsuki	1944	A	
608	"	"	"	1944	A	
609	"	"	"	"	A	
619	"	15 KVA	"	"	A	

.....

TOTAL NUMBER ..... 63 UNITS



(14)

BUILDING NO. 5 - TESTING SHOP

<u>NO. OF MACHINE</u>	<u>NAME OF MACHINE</u>	<u>SIZE</u>	<u>MANUFACTURER</u>	<u>YEAR OF MADE</u>	<u>CONDITION</u>	<u>REMARKS</u>
107	Radial Drilling Machine	1.5 m	Rokuroku	1940	A	
123	Upright Drilling Machine	24"	Seikenki	1941	A	
530	Crane	5 tons	Yamamoto	1935	A	
532	"	2 tons	"	1943	C	Not yet installed
546	Tool Grinder	14"	Rokuroku	1940	A	Borrowed

.....

TOTAL NUMBER ..... 5 UNITS



(15)

BUILDING NO. 6 - FOUNDRY SHOP.

<u>NO. OF MACHINE</u>	<u>NAME OF MACHINE</u>	<u>SIZE</u>	<u>MANUFACTURER</u>	<u>YEAR OF MADE</u>	<u>CONDITION</u>	<u>REMARKS</u>
509	Tool Grinder	14"	Rokuroku	1940	A	
515	welding machine	Arch	Hitachi	1943	A	
518	Air Compressor	50 HP	Ebara	1938	A	
531	Crane	5 tons	Yamamoto	1940	A	
535	Hoist	1 tons	Fuji Denki	"	A	
539	Crane	1 ton	(Unknown)		A	
540	Cupola	2 tons	Ebara	1943	B	
541	"	1 ton	"	"	A	
542	"	1 ton	"	1946	B	Not yet installed
543	sand Mill		Taiyo Chuki	1943	A	
610	Transformer	50 KVA	Osaka Henatsuki	1944	A	
611	"	"	"	"	A	
612	"	"	"	"	A	
620	"	15 KVA	"	"	A	
547	Coaling Machine	2 HP	Daide Nenshoki	"	A	
548	"	"	"	"	A	

.....

TOTAL NUMBER ..... 16 UNITS



BUILDING NO. 7 - PATTERN WORK SHOP

<u>NO. OF MACHINE</u>	<u>NAME OF MACHINE</u>	<u>SIZE</u>	<u>MANUFACTURER</u>	<u>YEAR OF MADE</u>	<u>CONDITION</u>	<u>REMARKS</u>
500	Tool Grinder	8"	Rokuroku		A	
519	Lathe for pattern works	6'	Kageyama	1934	A	
520	--	"	"	"	A	
521	"	"	"	"	B	
522	"	8'	"	"	A	
523	Band Saw Machine	30"	"	"	A	
524	Planer for Pattern	20"	"	"	B	
525	--	24"	Nihon Mokko	1945	B	Not yet installed
628	Geard Motors	10 HP	Meidensha	1937	A	

.....  
TOTAL NUMBER ..... 9 UNITS



(17)

BUILDING NO. 8 - STORE HOUSE (SAWING SHOP)

<u>NO. OF MACHINE</u>	<u>NAME OF MACHINE</u>	<u>SIZE</u>	<u>MANUFACTURER</u>	<u>YEAR OF MADE</u>	<u>CONDITION</u>	<u>REMARKS</u>
232	sawing machine	14"	Toyo Kikai	1939	A	
233	"	"	"	"	A	

.....

TOTAL NUMBER..... 2 UNITS



(18)

BUILDING NO. (9) - ELECTRIC SUBSTATION

<u>NO. OF MACHINE</u>	<u>NAME OF MACHINE</u>	<u>SIZE</u>	<u>MANUFACTURER</u>	<u>YEAR OF MADE</u>	<u>CONDITION</u>	<u>REMARKS</u>
613	Transformer	40 KVA	Meidensha	1941	A	
614	"	"	"	"	A	
615	"	"	"	"	A	
617	"	20 KVA	"	"	A	
621	"	15 KVA	Osaka Henatsuki	1944	A	Outdoor

.....

TOTAL NUMBER..... 5 UNITS



BUILDING NO. 10 - BOILER'S ROOM

<u>NO. OF MACHINE</u>	<u>NAME OF MACHINE</u>	<u>SIZE</u>	<u>MANUFACTURER</u>	<u>YEAR OF MADE</u>	<u>CONDITION</u>	<u>REMARKS</u>
544	Boiler (Tsunekichi type)	B-70	Takuma	1945	C	
550	"	"	"	"	C	

.....

TOTAL NUMBER..... 2 UNITS



BUILDING NO. 26 - FORGING SHOP

<u>NO. OF MACHINE</u>	<u>NAME OF MACHINE</u>	<u>SIZE</u>	<u>MANUFACTURER</u>	<u>YEAR OF MADE</u>	<u>CONDITION</u>	<u>REMARKS</u>
549	turbo-Blower	2 HP	Ebara	1944	A	

.....

TOTAL NUMBER..... 1 UNIT



*Arg (Loy)  
Econ*

*Toyama*

GENERAL HEADQUARTERS  
SUPREME COMMANDER FOR THE ALLIED POWERS  
Economic and Scientific Section  
APO 500

MWH/WT/yy  
27 February 1951

*5630*

387.6( 27 Feb 51 )ESS/IND

MEMORANDUM FOR: Reparations Agency, Tokyo

SUBJECT: Application for Movement and Authorized Use of Items Listed for Reparations

1. Reference is R.A.R. No.1820(MS), 14 December 1950, subject: Application for Intra-company Movement and Authorized Use of Reparations Equipment of Toyama Plant (Code No. 42-24), Ebara Manufacturing Co., Ltd. Filed by Haneda Plant (Non-reparations plant) of Same Company.

2. The application requesting permission for the transfer and authorized use of the **three ( 3 )** items of reparations machinery and equipment listed in reference 1, above, is approved as indicated in inclosure 1.

3. This permit is issued subject to any and all directives affecting reparations plants which have been issued or may hereafter be issued by the Supreme Commander for the Allied Powers. Reports will be rendered as required by current directives and instructions.

FOR THE CHIEF, ECONOMIC AND SCIENTIFIC SECTION:

- 2 Incls
- 1. Items author for mvmt & use. (dup)
- 2. R.A.R. No.1820(MS) 14 Dec 50. (dup)

MAURICE M. CLASS  
Chief, Industry Division

Cys furnished:  
CA Sec (dup)  
CPC

MEMO FOR RECORD:

The above ltr is self-explanatory.

Mr. W.A. Thurman:  
26-8485

M. M. C.

223  
FEB 28 1951

TOKAI-HOKURIKU INFORMATION: MAR-9 1951

CA Sec Copy



Items Authorized for Movement and Use

The application requesting permission for the transfer and authorized use of the following **three (3)** items of reparations machinery and equipment is approved as listed below:

<u>Present Location</u>	<u>No. of Items</u>	<u>To Be Transferred To</u>
Ebara Manufacturing Co., Ltd., Toyama Plant (42-24)	3	Ebara Manufacturing Co., Ltd., Haneda Plant 1341, 3-chome, Haneda, Ota-Ku, Tokyo

- Nothing Follows -

Incl 1



To : General Headquarters, Supreme Commander for the Allied Powers.

From : Reparations Agency, Tokyo.

Subject: Application for Intra-company Movement and Authorized Use of Reparations Equipment of Toyama Plant (Code No. 42-24), Ebara Manufacturing Co., Ltd. Filed by Haneda Plant (Non-reparations plant) of Same Company.

R.A.R. No. 1820 (MS)

14 December 1950.

1. The Reparations Agency hereby submits to your Headquarters an application for intra-company movement and authorized use of 3 items of reparations equipment now lying idle in the Toyama Plant (Code No. 42-24), Ebara Manufacturing Co., Ltd. filed by the Haneda Plant (Non-reparations plant) of the same company, together with an application of the Ministry of International Trade and Industry, as enclosed herewith.
2. This application has been investigated and has been coordinated with other interested government agencies.
3. It is requested that your most favorable consideration be given to this application at the earliest practicable date.

(Y. Katsuno)  
Director, Reparations Division,  
Reparations Agency.

Incls:

- a) ~~Application of the Ministry of International Trade & Industry.~~
- b) Application of the subject plant.

Incl 2



List of the Desired Reparation Designated  
Machinery and Equipment

Applicant: Ebara Mfg. Co., Ltd.

The belonging to Toyama Plant (Code No. 42-24. Evaluated Plant)

Name of Items	Name of Mfg. Co.	Type and Dimension	Inventory No.	Operation or Idle	No. of Item	Remarks	
						Section of Evaluation	Page No. in the evaluation list
<u>Machine Tool</u>							
Lath Engine standard	Toyo Kikai	Bed length 10' Swing 640mm	1A6 - 78	Idle	1	Integrated Facilities	28
Planer Double Housing	Nambo	Table length 8' stroke 3,000mm	1A8 - 3	- do -	1	- do -	36
Sawing Machine Hack Type	Toyo Kikai	14" Max. size of work 200mm	1A9 - 22	- do -	1	- do -	41

Total

3



775013

TOKAHO:KURIKU  
FEB 26 1951

INFORMATION:  
O.D. 11

CA Sec Copy

*Carroll*  
*ECON*

GENERAL HEADQUARTERS  
SUPREME COMMANDER FOR THE ALLIED POWERS  
Economic and Scientific Section  
APO 500

387.6(13 Feb 51)BBS/IND

WT/MWH/RAS/yy  
13 February 1951

MEMORANDUM FOR: Reparations Agency, Tokyo

SUBJECT: Application for Movement and Authorized Use  
of Items Listed for Reparations

1. Reference is attached R.A.R. No. 1871 (MS), 21 December 1950, subject: Application for Intra-company Movement and Authorized Use of Reparations Equipment of Toyama Plant (Code No. 42-24), Ebara Manufacturing Co., Ltd. Filed by Kawasaki Plant (Non-reparations plant) of Same Company.

2. The application requesting permission for the transfer and authorized use of the eight (8) items of reparations machinery and equipment listed in reference 1, above, is approved as indicated below:

Ebara Manufacturing Co., Ltd. Inter-plant Transfer

<u>Present Location</u>	<u>No. of Items</u>	<u>To Be Transferred To</u>
Toyama Plant (42-24)	8	Kawasaki Plant 50, Kitakase, Kawasaki City, Kanagawa Prefecture

3. This permit is issued subject to any and all directives affecting reparations plants which have been issued or may hereafter be issued by the Supreme Commander for the Allied Powers. Reports will be rendered as required by current directives and instructions.

FOR THE CHIEF, ECONOMIC AND SCIENTIFIC SECTION:

1 Incl  
as indicated. (dup)

MAURICE M. CLASS  
Chief, Industry Division

Cys furnished:  
CA Sec (dup)  
CPC

MEMO FOR RECORD:

The above ltr is self-explanatory.

Mr. R.A. Steele:  
26-7842

M. M. C.



TO : GENERAL HEADQUARTERS, SUPREME COMMANDER FOR THE ALLIED POWERS.

FROM : Reparations Agency, Tokyo.

SUBJECT: Application for Intra-company Movement and Authorized Use of Reparations Equipment of Toyama Plant (Code No. 42-24), Ebara Manufacturing Co., Ltd. Filed by Kawasaki Plant (Non-reparations plant) of Same Company.

R.A.R. No. 1871 (MS)

21 December 1950.

1. The Reparations Agency hereby submits to your Headquarters an application for intra-company movement and authorized use of 8 items of reparations equipment now lying idle in the Toyama Plant (Code No. 42-24), Ebara Manufacturing Co., Ltd. filed by the Kawasaki Plant (Non-reparations plant) of the same company, together with an application of the Ministry of International Trade and Industry, as enclosed herewith.
2. This application has been investigated and has been coordinated with other interested government agencies.
3. It is requested that your most favorable consideration be given to this application at the earliest practicable date.

( Y. Katsumo )  
Director, Reparations Division,  
Reparations Agency.

- Incls:
- a) Application of the Ministry of International Trade & Industry.
  - b) Application of the subject plant.

*Incl 1*

D  
T



List of the Desired Reparation  
Designated Machinery and  
Equipment

Applicant: Ebara Mfg. Co., Ltd.

Name of Items	Name of Mfg. Co.	Type and Dimension	Inventory No.	Operation or Idle	No. of Item	Remarks	
						Section of Evaluation	Page No. in the Evaluation list
Machine Tool							
Boring Machine	Daido Kikai	# 3(90mm)	42-24-1A1 - 6	Idle	1	Integrated Facilities	1
- do -	Karatsu Tekkosho	# 5(130mm)	" 1A1 - 7	- do -	1	- do -	2
Upright Drilling Machine	Seikenki	Dia. of table 20"	" 1A3 - 20	- do -	1	- do -	7
- do -	- do -	24"	" 1A3 - 22 - 23	- do -	2	- do -	8
External Cylindrical Grinding Machine	Hokushin Denki	2,000 mm	" 1A5 - 3	- do -	1	- do -	13
Horizontal Milling Machine	Tateyama Juko	# 2(25.4mm)	" 1A7 - 19	- do -	1	- do -	33
Key Miller	Hokuroku	156 x 65mm	" 1A7 - 28	- do -	1	- do -	35
<u>Total</u>					<u>8</u>		



775013

- COPY -

TOKAI-HOKURIKU

INFORMATION:

O.D. //

SEP. 28. 1950

*Economics*  
*C+9*  
*Reparations.*

GENERAL HEADQUARTERS  
SUPREME COMMANDER FOR THE ALLIED POWERS  
Economic and Scientific Section  
APC 500

HBO/MWH/RAS/jtt

387.6(19 Sep 50)ESS/IND

19 September 1950

MEMORANDUM FOR: Reparations Agency, Tokyo

SUBJECT: Application for Movement and Authorized Use of Items Listed for Reparations

1. Reference is attached R.A.R. No. 883(MS), 8 August 1950, subject, subject: Application for Movement and Authorized Use of Reparations Equipment of Toyama Plant, Ebara Manufacturing Co., Ltd. (Code No. 42-24) Filed by Kawasaki Plant, Ebara Manufacturing Co., Ltd. (Non-reparations Plant) (Kanagawa Prefecture).

2. The application requesting permission for the transfer and authorized use of the six (6) items of reparations machinery and equipment listed in reference 1, above, is approved as indicated below:

Ebara Manufacturing Co., Ltd  
Interplant Transfer

<u>Present Location</u>	<u>No. of Items</u>	<u>To Be Transferred To</u>
Toyama Plant (42-24)	6	Kawasaki Plant, 50 Kitakase, Kawasaki City, Kanagawa Pref.

3. This permit is issued subject to any and <sup>all</sup> directives affecting reparations plants which have been issued or may hereafter be issued by the Supreme Commander for the Allied Powers. Reports will be rendered as required by current directives and instructions.

FOR THE CHIEF, ECONOMIC AND SCIENTIFIC SECTION:

1 Incl  
as indicated.  
(dup)

PAUL S. FUJII  
Acting Chief, Industry Division

Cys furnished:  
CA Sec (dup)  
CPC

MEMO FOR RECORD:

The above ltr is self-explanatory.

Mr. R.A. Steele: 26-7842 P.S.F.

- COPY -



- C O P Y -

To: General Headquarters, Supreme Commander for the Allied Powers.  
From: Reparations Agency, Tokyo  
Subject: Application for Movement and Authorized Use of Reparations Equipment of Toyama Plant, Ebara Manufacturing Co., Ltd. (Code No. 42-24) Filed by Kawasaki Plant, Ebara Manufacturing Co., Ltd. (Non-reparations Plant) (Kanagawa Prefecture).

RAR No. 883 (MS)

8 August 1950

1. The Reparations Agency hereby submits to your Headquarters an application for movement and authorized use of 6 sets of reparations equipment now lying idle in the Toyama Plant, Ebara Manufacturing Co., Ltd. (Code No. 42-24) filed by the Kawasaki Plant, Ebara Manufacturing Co., Ltd. (non-reparations plant) (Kanagawa Prefecture), together with an application of the Ministry of International Trade and Industry as enclosed herewith.
2. This application has been investigated and has been coordinated with other interested government agencies.
3. It is requested that your most favorable consideration be given to this application at the earliest practicable date.

(Y. Katsuno)  
Director, Reparations Division,  
Reparations Agency.

## Incls:

- ~~a. Application of the Ministry of I.T.&I.~~
- b. Application of the subject plant.

- C O P Y -



List of Desired Reparation  
Designated Machinery and  
Equipment

Applicant: Ebara Mfg. Co., Ltd.

Name of Items	Name of Mfg. Co.	Type and Dimension	Inventory No.	Operation or Idle	No. of Item	Remarks
Horizontal Boring Machine	Karatsu Tekkosho	# 3	1A1 - 5	Idle	1	Inventory No. and page No. in an evaluation sheet 4A-24-A-6 (P1)
Vertical Lathe	Schiess Defries	2,300 mm	1A1 - 12	do	1	"A - 23 (P4)
Radial Drilling Machine	Raboma	2,000 mm	1A3 - 8	do	1	"A - 32 (P6)
Shaper	Nakagawa	24"	1A9 - 9 - 11	do	3	"A - 243 - 245 (P39)

Grand  
Total

6



File

TOYAMA PLANT  
EBARA MFG. CO., LTD.

23 Feb., 1950.

To: Commanding Officer, Tekai-Hokuriku Civil Affairs Region.  
From: Custodian of the Toyama Plant, Ebara Mfg. Co., Ltd.  
200 Mukai-shinjo, Toyama City.  
Thru: Governor, Toyama-Ken.  
Subject: Application for movement of the undermentioned machines.

## 1. Name of Company requesting movement.

Toyama Plant, Ebara Mfg. Co., Ltd.

## 2. Address of Company.

200 Mukai-shinjo, Toyama City.

## 3. Machinery to be moved.

Vide annexed sheet.

## 4. Reason for Request.

We closed our plant on and after 1st January 1950, and the fact was confirmed by you on 6th inst., therefore we intend to move the afore-said EX inventoried machinery to our main plant in Kawasaki City, Kanagawa Pref. in order to make the most of them.

## 5. Date when the Company intends to move machinery.

Soon after permission.

## 6. Total number of machinery in the Plant.

a. Designated reparations Machines ----- 275



## b. Exempted Machines ----- 50

The above-mentioned machines are not classified as the designated reparations machines, and therefore we beg to your kind consideration over the movement of the said machines.

- E N D -

Signature Kitaro Kuniyoshi  
(Kitaro Kuniyoshi)

Custodian of the Plant.

Confirmed by Nisao Asano Tech. Commissioner  
Commerce and Industry Section, Toyama Pref.  
21. Feb. 1950.

APPROVED  
E. J. Jourd' by G. Yamamoto  
Economics Div. THCAR  
Date 14 Mar. 50

check



annexed sheet.

List of Machinery to be moved.

EX NO.	Name of Machine	size	where now located	owned by whom	where it will be moved to
1	Horizontal Boring Machine	43	in the	President	to Kawasaki
2	Vertical Boring Machine	mm 850	Toyama Plant,	of the Ebara	Plant, Ebara
3	"	"	Ebara	Mfg.Co.,	Mfg. Co.,
4	"	"	Mfg.	Ltd.	Ltd.
5	"	"	Co., Ltd.		
6	"	mm 1250			
7	Radial Drilling Machine	1 <sup>m</sup> .5			
8	"	"			
9	"	1 <sup>m</sup>			
10	Tool Grinder	8"			
11	"	14"			
12	"	"			
13	External Cylindrical Grinder	1 <sup>m</sup>			
14	Lathe	6'			
15	"	"			
16	"	"			
17	"	"			
18	"	"			

APPROVED  
*E. F. Jourd*  
 E. F. Jourd DAC  
 Economics Div. THCAR  
 Date 14 Mar. 50



EX NO.	Name of Machine	size	where now located	owned by whom	where it will be moved to
19	Lathe	8'	in the	President	to Kawasaki
20	"	13'	Toyama	of the	Plant,
21	"	"	Plant,	Ebara	Ebara
22	"	"	Ebara	Mfg.Co.,	Mfg. Co.,
23	"	16'	Mfg.	Ltd.	Ltd.
24	"	18'	Co.,Ltd.		
25	Vertical Milling Machine	#2			
26	"	"			
27	"	#3			
28	"	"			
29	Planer	8'			
30	Shaper	24"			
31	"	"			
32	"	"			
33	Slotter	12"			
34	"	"			
35	Planger pump	1 HP			
36	Crane	10 tons			
37	"	5"			
38	"	"			
39	"	2 tons			
40	Jib crane	1/2 "			
41	"	"			

APPROVED  
*E. F. Jourd* by *Y. Yamamoto*  
 E. F. Jourd DAC  
 Economics Div. THCA  
 Date 14 Mar '50



EX NO.	Name of Machine	size	where now located	owned by whom	where it will be moved to
4 42	Jib crane	ton	in the	President	to Kawasaki
43	"	"	Toyama	of the	Plant,
44	"	"	Plant,	Ebara	Ebara
45	"	"	Ebara	Mfg.Co.,	Mfg. Co.,
46	"	"	Mfg.	Ltd.	Ltd.
47	"	"	Co., Ltd.		
48	"	"			
49	"	"			
50	"	"			

Total ----- 50 in Units

APPROVED  
*E. F. Jourd*  
 E. F. Jourd DAC  
 Economics Div. THCAE  
 Date 14 Mar. '50



LIST OF MACHINERY AND EQUIPMENT IN PLANT

THE EBARA MFG. CO., LTD.

TOYAMA PLANT



<u>NO. OF BLDG.</u>	<u>NAME OF BLDG.</u>	<u>QUANTITY OF MACHINERY AND EQUIPMENT CONTAINED (IN UNITS)</u>	<u>REMARKS</u>
1	Machine Shop (no.1)	89	Formerly used for manufacturing machine tools.
2	Finishing Shop	12	-do-
3	Machine Shop (no.2)	102	Newly built for making pumps.
4	Plate Work Shop	55	Now being used chiefly for storage of machine tools.
5	Testing Shop	2	Newly built for testing pumps.
6	Foundry Shop	12	Newly built for casting pumps parts.
7	Pattern Work Shop	1	Newly built for making pattern of pump parts.
8	Store House	2	Used for Sawing Shop.
9	Electric Substation	16	Newly built.
10	Boiler Room	2	-do-
26	Forging Shop	1	-do-
.....			
TOTAL..		294	



BLDG. NO. IMACHINE SHOP (NO. I)

NO. OF MACHINE	NAME OF MACHINE	SIZ	MANUFACTURER	YEAR OF MANUF.	CONDITION
1(1)	Lathe	4'5"	Ebara	1940	A
2(2)	"	"	"	"	A
3(3)	"	"	"	"	B
4(4)	"	"	"	"	A
5(5)	"	"	"	"	B
6(6)	"	"	"	"	B
7(7)	"	"	"	"	B
8(8)	"	"	"	"	B
9(9)	"	"	"	"	B
10(10)	"	"	"	"	B
11(11)	"	"	"	"	B
12(12)	"	"	"	"	B
13(13)	"	"	"	"	B
14(14)	"	"	"	"	B
15(15)	"	"	"	"	B
16(24)	"	6'	"	1942	A
17(25)	"	"	"	"	A
18(36)	"	"	Toyokikai	1939	A
19(37)	"	"	"	"	C
20(38)	"	"	"	"	A
21(39)	"	"	"	"	A
22(40)	"	"	"	"	B
23(41)	"	"	"	"	A
24(42)	"	"	"	"	B
25(43)	"	"	"	"	B



NO. OF MACHINE	NAME OF MACHINE	SIZE	MANUFACTURER	YEAR OF MANUF.	CONDITION
26 (44)	Lathe	6'	Toyokikai	1939	A
27 (45)	"	"	"	"	A
28 (46)	"	"	"	"	B
29 (47)	"	"	"	"	B
30 (48)	"	"	"	"	B
31 (49)	"	"	"	"	B
32 (50)	"	"	"	"	B
33 (51)	"	"	"	"	A
34 (52)	"	"	"	"	B
35 (54)	"	"	Yoshikawa	"	A
36 (60)	"	8'	Toyokikai	"	A
37 (61)	"	"	"	"	A
38 (62)	"	"	"	"	A
39 (63)	"	"	"	"	A
40 (64)	"	"	"	"	A
41 (65)	"	"	Sbara	1942	B
42 (71)	"	"	Sonobe	1939	B
43 (80)	"	10'	Toyokikai	"	A
44 (81)	"	12'	Sonobe	"	A
45 (82)	"	"	"	"	A
46 (83)	"	"	"	"	A
47 (84)	"	"	"	"	A
48 (88)	"	"	Dainihon-koki	1941	A
49 (131)	Horizontal Boring Machine	# 23	Ide	1939	A
50 (132)	"	# 3	Kokisha	"	A
51 (145)	Horizontal Milling Machine	# 4	Toyokikai	"	A
52 (146)	"	"	"	"	A



NO. OF MACHINE	NAME OF MACHINE	SIZE	MANUFACTURER	YEAR OF MANUF.	CONDITION
53 (147)	Horizontal Milling Machine	# 1	Toyokikai	1939	A
54 (151)	"	# 1 1/2	Nishikawa	"	A
55 (152)	"	#2	Sonobe	"	A
56 (157)	Vertical Milling Machine	# 1 1/2	Toyokikai	"	A
57 (158)	"	"	Sonobe	"	A
58 (162)	Universal Milling Machine	# 1 1/2	Nishikawa	"	B
59 (163)	"	#2	Toyokikai	"	A
60 (164)	"	"	Yoshikawa	"	B
61 (166)	"	"	Motoe	1941	A
62 (170)	Key Miller	156x65	Rokuroku	1944	B
63 (202)	Planer	6'	Yamaguchi	1939	B
64 (204)	"	8'	Namba	1941	A
65 (205)	"	"	Toyokikai	"	A
66 (213)	Shaping Machine	20"	"	1939	A
67 (214)	"	"	"	"	A
68 (216)	"	24"	"	"	A
69 (2170)	"	"	"	"	A
70 (219)	"	"	Inasa	"	A
71 (223)	"	26"	Toyokikai	"	B
72 (224)	"	28"	Gold	1935	A
73 (226)	Slotting Machine	6"	Toyokikai	1939	A
74 (228)	"	12"	Nagaoka	"	A
75 (234)	Centering Machine	4'5"	Toyokikai	"	C
76 (235)	Vertical Milling Machine	# 2	Tsubota	1945	B
77 (501)	Tool Grinder	10"	Mizuno-denki	1939	A
78 (502)	"	"	"	"	A



NO. OF MACHINE	NAME OF MACHINE	SIZE	MANUFACTURER	YEAR OF MANUF.	CONDITION
79 (503)	Tool Grinder	10"	Mizuho-denki	1939	A
80 (510)	Cutter Grinder	6"	Toyokikai	"	A
81 (526)	Hardness Tester (Brinell)	3 tons	Tokyo-shikenki	1940	B
82 (527)	" (Shore)		"	"	A
83 (604)	Transformer	50 KVA	Osaka-henatsuki	1945	A
84 (605)	"	"	"	"	A
85 (606)	"	"	"	"	A
86 (618)	"	15 KVA	"	1944	A
87 (622)	Motors	10 HP	Fuji-denki		A
88 (623)	"	"	"		A
89 (624)	"	15 HP	Shibaura		A

.....  
 TOTAL..... 89 IN UNITS

NOTE:

- CONDITION ---A.... Ready for Use
- B.... Good, but requires repairs
- C.... Unserviceable without through-going repairs



BLDG. NO. 2

FINISHING SHOP

NO. OF MACHINE	NAME OF MACHINE	SIZE	MANUFACTURER	YEAR OF MANUF.	CONDITION
90	(101) Radial Drilling machine	1 m	Rokuroku	1935	A
91	(102) "	"	"	"	A
92	(120) Upright Drilling Machine	20"	Seikenki	1941	A
93	(121) "	"	"	"	B
94	(126) Bench Drill		Toyokikai	1939	A
95	(127) "		Seiko-doriru	"	A
96	(128) "		Kawaguchi	"	A
97	(129) "		Seiko-doriru	"	A
98	(504) Tool Grinder	10"	Mizuho-denki	"	A
99	(505) "	"	"	"	A
100	(552) Hand press		unknown	unknown	A
101	(625) Motor	5 HP	Meidensha	1939	A

.....

TOTAL. .... 12 IN UNITS



BLDG. NO. 3MACHINE SHOP (NO. 2)

NO. OF MACHINE		NAME OF MACHINE	SIZE	MANUFACTURER	YEAR OF MANUF.	CONDITION
102	(16)	Lathe	4'5"	Ebara	1943	B
103	(17)	"	"	"	"	B
104	(18)	"	"	"	"	B
105	(19)	"	"	Shimamoto	1944	A
106	(20)	"	"	"	"	A
107	(21)	"	"	"	"	A
108	(22)	"	"	"	"	A
109	(23)	"	"	"	"	A
110	(26)	"	6'	Ebara	1940	A
111	(27)	"	"	"	"	B
112	(28)	"	"	"	"	B
113	(31)	"	"	"	"	B
114	(32)	"	"	"	"	B
115	(33)	"	"	"	"	B
116	(34)	"	"	"	"	B
117	(58)	"	"	Kubota	1941	B
118	(59)	"	"	"	"	A
119	(72)	"	8'	"	"	B
120	(73)	"	"	"	"	B
121	(74)	"	"	"	"	A
122	(75)	"	"	"	"	A
123	(76)	"	"	"	"	A
124	(77)	"	"	"	"	A
125	(78)	"	"	"	"	A
126	(79)	"	"	"	"	A
127	(89)	"	12'	Mitsubishi	1944	A
128	(90)	"	14'	Fuji	"	B



NO. OF MACHINE	NAME OF MACHINE	SIZE	MANUFACTURER	YEAR OF MANUF.	CONDITION
120	(96) Vertical Lathe	1250mm	Kisha-kaisha	1935	A
130	(97) "	"	Karatsu	"	A
131	(98) "	1500mm	Ebara	1944	A
132	(99) "	2300mm	Schiess	1938	A
133	(106) Radial Drilling Machine	1.5 m	Dainihon-koki	1944	A
134	(108) "	2.0 m	Haboma	1935	B
135	(109) "	2.2 m	Okuma	1940	B
136	(134) Horizontal Boring Machine	# 3	Dainihon-koki	1944	A
137	(135) "	"	Karatsu	1935	A
138	(137) "	"	Daido	1941	A
139	(140) "	#5	Karatsu	1935	A
140	(148) Horizontal Milling Machine	# 1 1/2	Umeda	"	A
141	(149) "	"	"	"	A
142	(150) "	"	"	1939	B
143	(153) "	# 2	Kageyama	1935	B
144	(154) Unit Miller		"	1944	C
145	(155) "		Hitachi	"	B
146	(156) Horizontal Milling Machine	# 3	Okuma	"	B
147	(159) Vertical Milling Machine	" - "	Hitachi	"	A
148	(160) "	"	Kinoshita	1940	A
149	(161) "	"	"	1944	A
150	(165) Universal Milling Machine	# 2	Kageyama	1935	B
151	(167) "	# 3	Karatsu	1944	A
152	(168) "	"	Motoe	1940	B



NO. OF MACHINE	NAME OF MACHINE	SIZE	MANUFACTURER	YEAR OF MANUF.	CONDITION
153	(169) Universal Milling Machine	# 3	Motoe	1941	A
154	(171) Surface Grinder	250	Tsukamoto	1940	B
155	(172) " "	300	Norita	"	B
156	(173) " "	450	Kobayashi	"	B
157	(174) Cylindrical Grinder	800	Tajima	1939	B
158	(175) " "	1000	"	"	A
159	(176) Internal Grinder	140x300	Heald	1940	A
160	(177) " "	M-100	Mikuro	"	A
161	(178) Cylindrical Grinder	2000	Hokushin	"	B
162	(179) Universal Grinder	1000	Otsuka	1941	A
163	(180) Gear Happing Machine	180	Okamoto	"	A
164	(181) Tooth Rounding Machine	16"	"	"	A
165	(185) Hobbing Machine	14"	Kashifuji	1944	B
166	(186) " "	"	"	"	B
167	(187) " "	500	Pfauter	1940	A
168	(189) " "	"	"	"	B
169	(190) " "	800	Niles	"	A
170	(191) " "	24"	Kashiruji	1941	B
171	(192) " "	"	"	"	B
172	(193) " "	"	"	1944	B
173	(194) " "	"	"	"	A
174	(195) " "	"	"	1940	B
175	(196) " "	1000	Pfauter	"	A
176	(197) " "	750	"	"	A
177	(198) Gear Shaper		Fellow	"	A



NO. OF MACHINE	NAME OF MACHINE	SIZE	MANUFACTURER	YEAR OF MANUF.	CONDITION
178	(199) Gear Shaper		Tokyo-kikai	1940	A
179	(200) Gear Cutting Machine		J.Parkinson	"	B
180	(201) Bevel Gear Shaper	18"	Oya	"	A
181	(207) Planer	8'	Tsukamoto	1937	B
182	(210) "	14'	Matsumoto	1944	A
183	(212) Shaping Machine	18"	Watabe	1935	B
184	(218) "	24"	Handa	1939	A
185	(220) "	"	Nakagawa	1935	B
186	(221) "	"	"	"	B
187	(222) "	"	"	1941	B
188	(225) "	32"	"	"	A
189	(227) Slotting Machine	8"	Toka	"	B
190	(229) "	12"	Osaka-seisa	1944	B
191	(230) "	16"	Sudo	"	A
192	(231) "	520	"	"	B
193	(506) Tool Grinder	14"	Rokuroku	1940	A
194	(507) "	"	"	"	B
195	(508) "	"	"	"	B
196	(511) Cutter Grinder		Pfauter	1938	A
197	(512) "		J.Parkinson	"	A
198	(513) "		Hitachi	"	B
199	(601) Transformer	100 KVA	Meidensha	1941	A
200	(602) "	"	"	"	A
201	(603) "	"	"	"	A
202	(616) "	20 KVA	"	"	A
203	(627) Geared Motor	10 HP	"	1937	A

.....  
 TOTAL .....102 IN UNITS



BLDG. NO. 4

PLATE WORK SHOP

NO. OF MACHINE	NAME OF MACHINE	SIZE	MANUFACTURER	YEAR OF MANUF.	CONDITION
204 (29)	Lathe	6'	Tsukamoto	1940	B
205 (30)	"	"	"	"	B
206 (35)	"	"	"	"	C
207 (53)	"	"	Toyo-kikai	1939	B
208 (55)	"	"	Tsukamoto	1940	B
209 (56)	"	"	"	"	B
210 (57)	"	"	"	"	B
211 (66)	"	8'	Ebara	1942	B
212 (67)	"	"	Kageyama	1935	A
213 (68)	"	"	Namba	"	B
214 (69)	"	"	Okuma	"	B
215 (70)	"	"	Karatsu	"	B
216 (85)	"	12'	Hannya	1939	B
217 (86)	"	"	Kageyama	"	B
218 (87)	"	"	"	"	B
219 (91)	"	25'	Dainihon-koki	1940	B
220 (92)	Face Lathe		Toyokikai	1935	C
221 (100)	Vertical Lathe	2700mm	Ebara	1942	C
222 (103)	Radial Drilling Machine	1 m	Rokuroku	1935	B
223 (104)	"	"	Shindo	"	B
224 (105)	"	1.2 m	Iguchi	1944	B
225 (110)	Upright Drilling Machine	20"	Toyokikai	1939	A
226 (111)	"	"	"	"	B
227 (112)	"	"	"	"	A
228 (113)	"	"	"	"	B

(11)



NO. OF MACHINE	NAME OF MACHINE	SIZE	MANUFACTURER	YEAR OF MANUF.	CONDITION
229	(114) Upright Drilling Machine	20"	Toyokikai	1939	B
230	"	"	"	"	B
231	"	"	"	"	B
232	"	"	"	"	B
233	"	"	Hokuroku	1935	B
234	"	"	"	"	B
235	"	24"	"	1941	B
236	"	"	Toyokikai	1939	B
237	"	30"	"	"	B
238	(130) Horizontal Boring Machine	# 2	"	"	B
239	"	# 2 $\frac{1}{2}$	Hirose	1944	C
240	"	# 3	Karatsu	1935	C
241	"	# 5	Daido	1941	C
242	"	"	"	"	B
243	"	# 6	Schiess	1935	C
244	"	# 7	"	1925	C
245	(143) Horizontal Milling Machine	# 0	Toyokikai	1939	B
246	"	# $\frac{1}{2}$	"	"	B
247	(188) Hobbing Machine	18"	Sonobe	"	B
248	(203) Planer	6'	Ohara	"	B
249	(206)	8'	Toyokikai	1941	B
250	(208)	12'	"	"	B
251	(209)	"	"	"	C
252	(211) " (Open type)	"	Sekisan-seiko	1940	C



NO. OF MACHINE	NAME OF MACHINE	SIZE	MANUFACTURER	YEAR OF MANUF.	CONDITION
253	(215) Shaping Machine	20"	Toyokikai	1939	B
254	(514) Welding Machine	Arch	Hitachi	1943	A
255	(607) Transformer	50 KVA	Osaka-henatsuki	1945	A
256	(608) "	"	"	"	A
257	(609) "	"	"	"	A
258	(619) "	15 KVA	"	"	A

.....  
 TOTAL.....55 IN UNITS



BLDG. NO.5

TESTING SHOP

NO. OF MA CHINE	NAME OF MACHINE	SIZE	MANUFACTURER	YEAR OF MANUF.	CONDITION
259 (107)	Radial Drilling Machine	1.5 m	Rokuroku	1940	A
260 (123)	Upright Drilling Machine	24"	Seikenki	1941	A
.....					
TOTAL.....2 IN UNITS					



BLDG. NO. 6

FOUNDRY SHOP

NO. OF MACHINE	NAME OF MACHINE	SIZE	MANUFACTURER	YEAR OF MANUF.	CONDITION
261 (509)	Tool Grinder	14"	Rokuroku	1940	A
262 (515)	Welding machine	Arch	Hitachi	1943	A
263 (518)	Air Compressor	50 HP	Ebara	1938	A
264 (531)	Crane	5 tons	Yamamoto	1940	A
265 (539)	"	1 "	( unknown )		A
266 (610)	Transformer	50 KVA	Osaka-henatsuki	1945	A
267 (611)	"	"	"	"	A
268 (612)	"	"	"	"	A
269 (620)	"	15 KVA	Meidensha	1941	A
270 (548)	Annealing Furnace	18 m <sup>3</sup>	Ebara	1945	A
271 (565)	Turbo-blower	25 HP	"	1943	A
272 (566)	"	5 HP	"	"	A

.....  
 TOTAL..... 12 IN UNITS